

Degree Programme: M.Sc. Agriculture (Microbiology)

List of approved Courses offered

Particulars	Credit Hrs.
Major	20
Minor	08
Supporting	06
Seminar	01
Research	30
Total Credits	65
Compulsory Non-Credit Courses	05

Major:

Core Courses

Course No.	Course title	Credit Hrs	Semester
MICRO-502	Principles of Microbiology	3+1	Ist
MICRO-503	Microbial Physiology and Metabolism	3+1	IIInd
MICRO-505	Soil Microbiology	2+1	Ist
MICRO-507	Food Microbiology	2+1	IIInd
MICRO-591	Seminar	1+0	I/II

Optional Courses:

Course No.	Course title	Credit Hrs	Semester
MICRO-501	Techniques in Microbiology	0+2	Ist
MICRO-504	Microbial Genetics	2+1	IIInd
MICRO-506	Microbial Biotechnology	2+1	Ist
MICRO-508	Bacteriophages	1+1	IIInd
MICRO-509	Environmental Microbiology	2+1	IIInd
MICRO-510	Industrial Microbiology	2+1	Ist
MICRO-511	Biofertilizers Technology	2+1	Ist
MICRO-512	Cyanobacterial and Algal Biotechnology	2+0	IIInd

Research:

MICRO-599	Master's Research	0+30	I-IV
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Minor:

The student's advisory committee will decide about the minor course (s) from the other disciplines as required